

Abstract of the Disclosure

A resistor apparatus for containing broken pieces of an overheated resistor body is provided. The resistor apparatus includes a resistor body and a first and second lead wire electrically connected to opposite sides of the core.

5 A gas permeable containment casing substantially encloses the resistor body and is fixed to the lead wires by fasteners, therefore maintaining the containment casing in a position substantially enclosing the resistor body. In the event that the resistor overheats and the resistor body breaks, the containment casing is maintained in a position to contain any pieces of the

10 overheated resistor that break away, while allowing any gasses to escape, therefore preventing explosion of the containment casing and damage to surrounding apparatuses.